

# 1 Natality

## (1) Live births by employment status/occupation of parents at the time of the child's birth

As for live births of children born in wedlock in FY2020 sorted by employment status of father, employed fathers stood at 771,008 (96.1%), and non-employed fathers stood at 8,042 (1.0%).

As for live births of children born in FY2020 sorted by employment status of mother, employed mothers stood at 489,826 (59.6%), and non-employed mothers stood at 307,689 (37.4%), and employed mothers have a 17.2 point increase from 42.4% in the previous survey in FY2015.

As for the Age-standardized live birth rate (per 1,000 population) in FY2020 by the parents' occupations, the highest rates were recorded for both parents in "Administrative and managerial workers" (98.2 for fathers and 115.8 for mothers). (Table 1)

Table 1. Live births, live birth rates, and age-standardized live birth rates by employment status/occupation of parents, FY2015/2020

Employment status/occupation	FY2020				FY2015 <sup>1)</sup>				
	Live births (persons)	Proportion (%)	Live birth rate (per 1,000 population)	Age-standardized live birth rate (per 1,000 population)	Live births (persons)	Proportion (%)	Live birth rate (per 1,000 population)	Age-standardized live birth rate <sup>2)</sup>	
								(per 1,000 population)	(Reference)
	<b>Father<sup>3)</sup></b>								
<b>Total</b>	802 264	100.0	15.3	15.3	980 257	100.0	18.5	17.0	25.0
Total number of employed persons (Employed)	771 008	96.1	24.9	20.3	924 501	94.3	28.3	21.1	31.0
A. Administrative and managerial workers	23 910	3.0	24.5	98.2	28 181	2.9	24.4	94.3	...
B. Professional and engineering workers	219 125	27.3	42.8	28.0	251 807	25.7	52.4	33.1	48.5
C. Clerical workers	96 077	12.0	21.3	17.0	113 373	11.6	25.4	19.5	28.6
D. Sales workers	88 410	11.0	24.0	17.8	110 037	11.2	26.6	17.7	26.0
E. Service workers	76 727	9.6	37.0	28.6	101 599	10.4	47.4	31.4	45.8
F. Security workers	32 964	4.1	32.6	23.0	35 645	3.6	35.1	23.1	34.1
G. Agricultural, forestry and fishery workers	11 774	1.5	9.9	17.7	14 825	1.5	11.1	20.1	29.8
H. Manufacturing process workers	85 377	10.6	16.6	11.9	110 512	11.3	20.0	13.1	19.5
I. Transport and machine operation workers	25 640	3.2	13.9	19.5	32 368	3.3	16.8	20.8	31.1
J. Construction and mining workers	68 633	8.6	29.3	29.9	81 698	8.3	32.6	30.1	45.3
K. Caring, cleaning, packaging, and related workers	17 783	2.2	8.1	7.5	20 077	2.0	9.9	8.0	11.9
L. Occupation not stated	24 588	3.1	...	...	24 379	2.5	...	...	...
Non-employed	8 042	1.0	0.6	2.1	11 461	1.2	0.7	2.3	3.3
Not stated	23 214	2.9	...	...	44 295	4.5	...	...	...
	<b>Mother</b>								
<b>Total</b>	821 702	100.0	14.6	16.6	1 003 210	100.0	17.7	18.5	27.5
Total number of employed persons (Employed)	489 826	59.6	19.1	15.5	425 127	42.4	16.7	12.2	18.1
A. Administrative and managerial workers	4 956	0.6	27.8	115.8	5 137	0.5	22.9	95.1	...
B. Professional and engineering workers	174 463	21.2	34.9	21.2	151 221	15.1	33.8	19.0	28.2
C. Clerical workers	143 327	17.4	20.3	14.9	129 266	12.9	19.3	12.5	18.5
D. Sales workers	40 713	5.0	13.1	10.2	32 879	3.3	10.2	7.2	10.6
E. Service workers	78 082	9.5	17.0	16.2	65 136	6.5	14.1	11.7	17.5
F. Security workers	3 401	0.4	39.5	21.2	2 941	0.3	43.2	21.9	32.6
G. Agricultural, forestry and fishery workers	3 723	0.5	5.5	15.6	4 194	0.4	5.3	17.1	25.6
H. Manufacturing process workers	17 828	2.2	8.5	8.1	16 275	1.6	7.4	6.8	10.2
I. Transport and machine operation workers	2 180	0.3	28.4	25.8	1 552	0.2	23.0	19.7	29.5
J. Construction and mining workers	2 587	0.3	37.7	32.0	1 911	0.2	31.2	28.2	42.0
K. Caring, cleaning, packaging, and related workers	2 636	0.3	1.4	2.3	1 717	0.2	0.9	1.4	2.2
L. Occupation not stated	15 930	1.9	...	...	12 898	1.3	...	...	...
Non-employed	307 689	37.4	12.7	33.4	536 771	53.5	19.6	40.0	59.8
Not stated	24 187	2.9	...	...	41 312	4.1	...	...	...

Note: 1) Figures for FY 2015 in this table do not match the FY 2015 overview published on March 2, 2018 in some places due to recalculation caused by omissions in reporting by prefectures (published on March 29, 2019).

2) Age-standardized live birth rate for FY2015 include rates using the 2015 model population and rates using the 1985 model population for reference.

3) The number of live births by occupation of father takes children born in wedlock as the subjects.

(2) Live births by employment status/occupation of parents and live birth order at the time of the child's birth

As for the number of births in 2020 by live birth order (the order in which the total number of children to-date born to the same mother is counted) by mother's employment status, 240,508 (62.9% of all first-born children) were to first-born children whose mothers were employed, up 17.1 points from 45.8% in the previous survey. As for the change in proportions by occupation from the previous survey, "Professional and engineering" increased by 6.4 points and "Clerical workers" increased by 4.6 points.

As with the first child, the percentages of "those whose mother is employed" at the birth of the second and third child or more increased from the previous survey, to 57.7% and 54.7%, respectively. (Table 2)

Table 2. Live births and percent distribution by employment status/occupation of parents and live birth order<sup>1)</sup>, FY2015/2020

Employment status/occupation of parents	FY2020				FY2015 <sup>2)</sup>			
	Father		Mother		Father		Mother	
	Live births of children born in wedlock		Live births		Live births of children born in wedlock		Live births	
	(persons)	Proportion (%)	(persons)	Proportion (%)	(persons)	Proportion (%)	(persons)	Proportion (%)
<b>First child</b>								
<b>Total</b>	371 348	100.0	382 339	100.0	462 007	100.0	475 688	100.0
Total number of employed persons (Employed)	355 734	95.8	240 508	62.9	434 368	94.0	217 650	45.8
A. Administrative and managerial workers	9 717	2.6	2 094	0.5	11 985	2.6	2 353	0.5
B. Professional and engineering workers	106 391	28.6	87 309	22.8	125 151	27.1	77 955	16.4
C. Clerical workers	47 306	12.7	72 982	19.1	55 777	12.1	69 043	14.5
D. Sales workers	42 817	11.5	20 223	5.3	53 660	11.6	17 702	3.7
E. Service workers	36 121	9.7	36 168	9.5	49 643	10.7	31 678	6.7
F. Security workers	14 926	4.0	1 726	0.5	16 272	3.5	1 522	0.3
G. Agricultural, forestry and fishery workers	4 394	1.2	1 066	0.3	5 821	1.3	1 173	0.2
H. Manufacturing process workers	37 451	10.1	7 930	2.1	49 038	10.6	7 343	1.5
I. Transport and machine operation workers	10 384	2.8	1 027	0.3	13 270	2.9	822	0.2
J. Construction and mining workers	27 380	7.4	1 023	0.3	33 549	7.3	744	0.2
K. Carrying, cleaning, packaging, and related workers	7 289	2.0	972	0.3	8 520	1.8	555	0.1
L. Occupation not stated	11 558	3.1	7 988	2.1	11 682	2.5	6 760	1.4
Non-employed	4 429	1.2	129 959	34.0	6 280	1.4	237 472	49.9
Not stated	11 185	3.0	11 872	3.1	21 359	4.6	20 566	4.3
<b>Second child</b>								
<b>Total</b>	292 582	100.0	296 438	100.0	358 447	100.0	362 949	100.0
Total number of employed persons (Employed)	282 023	96.4	171 157	57.7	339 179	94.6	144 268	39.7
A. Administrative and managerial workers	9 096	3.1	1 735	0.6	10 448	2.9	1 740	0.5
B. Professional and engineering workers	80 833	27.6	61 168	20.6	92 445	25.8	52 350	14.4
C. Clerical workers	36 215	12.4	51 055	17.2	42 846	12.0	44 312	12.2
D. Sales workers	32 302	11.0	13 719	4.6	40 592	11.3	10 216	2.8
E. Service workers	27 181	9.3	26 588	9.0	35 695	10.0	21 213	5.8
F. Security workers	11 893	4.1	1 158	0.4	13 241	3.7	1 006	0.3
G. Agricultural, forestry and fishery workers	4 102	1.4	1 294	0.4	5 231	1.5	1 518	0.4
H. Manufacturing process workers	31 631	10.8	6 358	2.1	41 681	11.6	5 707	1.6
I. Transport and machine operation workers	9 409	3.2	744	0.3	11 946	3.3	500	0.1
J. Construction and mining workers	23 919	8.2	865	0.3	28 674	8.0	641	0.2
K. Carrying, cleaning, packaging, and related workers	6 298	2.2	866	0.3	7 266	2.0	572	0.2
L. Occupation not stated	9 144	3.1	5 607	1.9	9 114	2.5	4 493	1.2
Non-employed	2 198	0.8	116 822	39.4	3 232	0.9	204 346	56.3
Not stated	8 361	2.9	8 459	2.9	16 036	4.5	14 335	3.9
<b>Third child or more</b>								
<b>Total</b>	138 334	100.0	142 925	100.0	159 803	100.0	164 573	100.0
Total number of employed persons (Employed)	133 251	96.3	78 161	54.7	150 954	94.5	63 209	38.4
A. Administrative and managerial workers	5 097	3.7	1 127	0.8	5 748	3.6	1 044	0.6
B. Professional and engineering workers	31 901	23.1	25 986	18.2	34 211	21.4	20 916	12.7
C. Clerical workers	12 556	9.1	19 290	13.5	14 750	9.2	15 911	9.7
D. Sales workers	13 291	9.6	6 771	4.7	15 785	9.9	4 961	3.0
E. Service workers	13 425	9.7	15 326	10.7	16 261	10.2	12 245	7.4
F. Security workers	6 145	4.4	517	0.4	6 132	3.8	413	0.3
G. Agricultural, forestry and fishery workers	3 278	2.4	1 363	1.0	3 773	2.4	1 503	0.9
H. Manufacturing process workers	16 295	11.8	3 540	2.5	19 793	12.4	3 225	2.0
I. Transport and machine operation workers	5 847	4.2	409	0.3	7 152	4.5	230	0.1
J. Construction and mining workers	17 334	12.5	699	0.5	19 475	12.2	526	0.3
K. Carrying, cleaning, packaging, and related workers	4 196	3.0	798	0.6	4 291	2.7	590	0.4
L. Occupation not stated	3 886	2.8	2 335	1.6	3 583	2.2	1 645	1.0
Non-employed	1 415	1.0	60 908	42.6	1 949	1.2	94 953	57.7
Not stated	3 668	2.7	3 856	2.7	6 900	4.3	6 411	3.9

Note: 1) Live birth order refers the order in which the total number of children to-date born to the same mother is counted.

2) Figures for FY 2015 in this table do not match the FY 2015 overview published on March 2, 2018 in some places due to recalculation caused by omissions in reporting by prefectures (published on March 29, 2019).

(3) Mean ages of parents of the first child by employment status/occupation of parents at the time of the child's birth

Mean ages of parents at the time of birth of their 1st child in FY2020, by employment status of parents, stood at 32.8 years for employed fathers, and 31.5 years for non-employed fathers: and 31.1 years for employed mothers, and 30.0 years for non-employed mothers.

Similarly, the mean age of fathers at the time of birth of his 1st child by occupation was the highest in “Administrative and managerial workers” at 37.6 years and the lowest in “Construction and mining workers” at 30.5 years.

Furthermore, the mean age of mothers at the time of birth of her 1st child by occupation was the highest in “Administrative and managerial workers” at 33.8 years and the lowest in “Security workers” at 29.0 years. (Table 3)

Table 3. Mean ages of parents of the first child in live birth order<sup>1)</sup> by employment status/occupation of parents, FY2015/2020

(Unit: years old)

Employment status/occupation of parents	FY2020		FY2015	
	Father <sup>2)</sup>	Mother	Father <sup>2)</sup>	Mother
Total <sup>3)</sup>	32.8	30.7	32.8	30.7
Total number of employed persons (Employed) <sup>3)</sup>	32.8	31.1	32.8	31.5
A. Administrative and managerial workers	37.6	33.8	37.6	33.8
B. Professional and engineering workers	33.3	31.2	33.4	31.5
C. Clerical workers	33.5	31.7	33.7	32.3
D. Sales workers	32.7	30.8	32.9	31.0
E. Service workers	33.0	30.2	32.3	30.3
F. Security workers	30.7	29.0	30.9	29.4
G. Agricultural, forestry and fishery workers	32.9	31.8	32.4	31.5
H. Manufacturing process workers	31.8	29.6	31.5	29.5
I. Transport and machine operation workers	32.9	30.4	33.1	31.0
J. Construction and mining workers	30.5	30.2	30.5	31.6
K. Carrying, cleaning, packaging, and related workers	32.2	29.9	32.1	30.4
Non-employed	31.5	30.0	31.0	29.9

Note: 1) Live birth order refers the order in which the total number of children to-date born to the same mother is counted.

2) The father of a legitimate child is covered.

3) The total includes “employment status not stated”, and the total number of employed persons (employed) includes “L occupation not stated”.